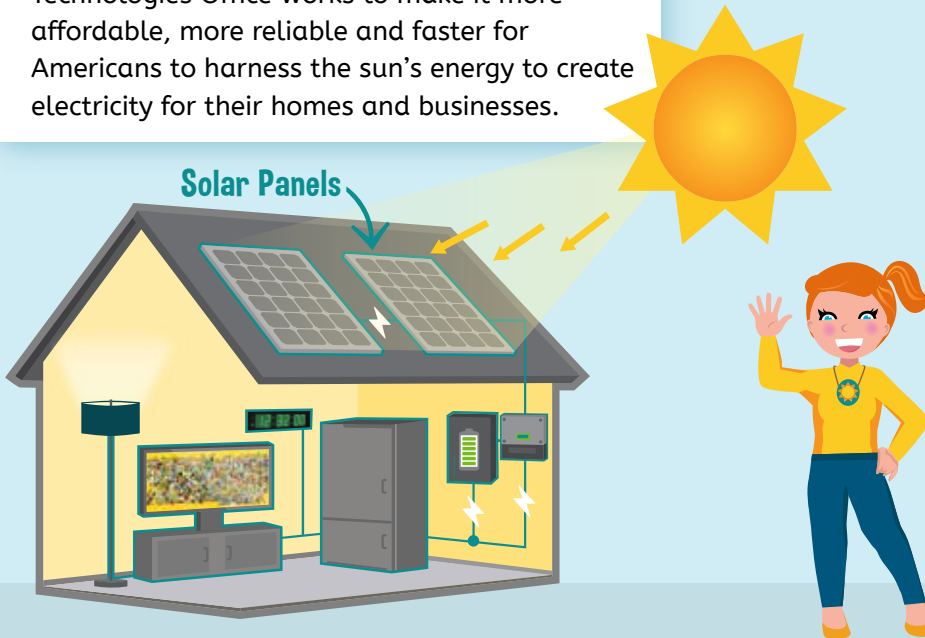




# SOLAR POWERING THE FUTURE

## The Solar Energy Technologies Office

The Department of Energy Solar Energy Technologies Office works to make it more affordable, more reliable and faster for Americans to harness the sun's energy to create electricity for their homes and businesses.



## Did you know?

There are enough solar panels in the United States to create the electricity for all of the homes in Virginia!<sup>1</sup>



## Why do Americans choose solar energy?

### Solar Saves Money

The average family spends \$1,369<sup>2</sup> a year on electricity. Solar energy systems can last for more than 20 years and can help families save money on their electricity bills.



### Solar Creates Jobs

The solar industry is rapidly growing, putting many hardworking Americans to work and improving the economy. By 2021, the solar industry could employ more than 360,000 Americans.<sup>3</sup>



over  
**250,000**  
workers

<sup>1</sup> <https://www.census.gov/programs-surveys/popest.html>

<sup>2</sup> [https://www.eia.gov/electricity/sales\\_revenue\\_price/pdf/table5\\_a.pdf](https://www.eia.gov/electricity/sales_revenue_price/pdf/table5_a.pdf)

<sup>3</sup> <http://www.seia.org/research-resources/solar-industry-data>

<sup>4</sup> <http://www.thesolarfoundation.org/national>

## Solar Helps to Clean the Air

Solar energy is clean, renewable energy. Switching to solar helps to reduce harmful emissions and ensure a brighter tomorrow.



## Creating Our Solar Future

Switching to solar energy has many benefits, but it's hard to transform our energy system. The U.S. Department of Energy Solar Energy Technologies Office is helping through early-stage research and development to ensure solar helps to power our future.

### Helping to create new and improved solar technology



### Supporting new solar businesses and job training

